

## What is Claimed is:

1           1. An orally administered pharmaceutical composition  
2 comprising cyclosporine, ethanol, polyoxyethylene glycerol trioleate, and an oil  
3 component.

1           2. The pharmaceutical composition of claim 1, wherein said  
2 cyclosporine is cyclosporine A.

1           3. The pharmaceutical composition of claim 1, wherein said  
2 cyclosporine is present at a concentration from about 5 to about 20% by weight.

1           4. The pharmaceutical composition of claim 3, wherein said  
2 cyclosporine is present at a concentration from about 8 to about 12% by weight.

1           5. The pharmaceutical composition of claim 3, wherein said  
2 cyclosporine is present at a concentration of 10% by weight.

1           6. The pharmaceutical composition of claim 1, wherein said oil  
2 component is ethyl oleate.

1           7. The pharmaceutical composition of claim 1, wherein said  
2 ethanol is present at about 15 to about 40 v/v%.

1           8. The pharmaceutical composition of claim 7, wherein said  
2 ethanol is present at about 15 to about 25 v/v%.

1           9. The pharmaceutical composition of claim 7, wherein said  
2 ethanol is present at 20 v/v%.

1           10. The pharmaceutical composition of claim 1, wherein said  
2 polyoxyethylene glycerol trioleate is present at about 20 to about 50 v/v%.

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1                   11. The pharmaceutical composition of claim 1, wherein said oil  
2 component is present at about 40 to about 65 v/v%.

1                   12. The pharmaceutical composition of claim 11, wherein said oil  
2 component is present at about 55 to about 65 v/v%.

1                   13. The pharmaceutical composition of claim 11, wherein said oil  
2 component is present at 60 v/v%.

1                   14. An orally administered pharmaceutical composition  
2 comprising cyclosporine, ethanol, polyoxyethylene glycerol trioleate and ethyl  
3 oleate in a weight ratio of cyclosporine, pure ethanol, polyoxyethylene glycerol  
4 trioleate and ethyl oleate of about 5:18:25.9:50.1 to about 15:16:23.1:44.9.

1                   15. The pharmaceutical composition of claim 14, wherein the  
2 weight ratio of cyclosporine, pure ethanol, polyoxyethylene glycerol trioleate and  
3 ethyl oleate is 10:17.1:24.5:47.5.

1                   16. The pharmaceutical composition of claim 15, wherein said  
2 composition upon dilution with an aqueous media at a ratio of 1 part composition to  
3 100 parts aqueous media forms a spontaneous emulsion.

1                   17. The pharmaceutical composition of claim 16, wherein said  
2 spontaneous emulsion comprises particles having a diameter of 50 to 185 nm.

1                   18. A method of preparing an orally administered pharmaceutical  
2 composition comprising the steps of:

3                   dissolving cyclosporine in ethanol to form a solution;

4                   combining polyoxyethylene glycerol trioleate and an oil  
5 component with the solution to form a mixture; and

6 diluting the mixture with an aqueous media to allow formation  
7 of a spontaneous emulsion.

1                   19. The method of claim 18, further comprising the step of gently  
2 mixing the diluted mixture to disperse the emulsion.

1                   20. The method of claim 18, wherein the step of diluting further  
2 comprises diluting 1 part of the mixture with 100 parts of aqueous media.

1                           21. The method of claim 18, wherein said oil component is ethyl  
2                           oleate.

1                           22. The method of claim 18, wherein said cyclosporine is  
2 cyclosporine A.

1                   23. The method of claim 18, wherein the cyclosporine is present at  
2 a concentration of 10% by weight

1                   24. The method of claim 18, wherein said ethanol is present at  
2 about 15 to about 40 v/v%.

1                   25. The method of claim 18, wherein said polyoxyethylene  
2 glycerol trioleate is present at about 20 to about 50 v/v%.

1                   26. The method of claim 18, wherein said oil component is present  
2 at about 40 to about 65 v/v%.

1                   27. The method of claim 18, wherein said composition comprises  
2 cyclosporine, ethanol, polyoxyethylene glycerol trioleate and ethyl oleate in a  
3 weight ratio of cyclosporine, pure ethanol, polyoxyethylene glycerol trioleate and  
4 ethyl oleate of 10:17.1:24.5:47.5.

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1        28. The method of claim 27, wherein said spontaneous emulsion  
2 comprises particles having a diameter of 50 to 185 nm.

1        29. The method of claim 28, wherein said spontaneous emulsion  
2 comprises particles having a diameter of 50 to 150 nm.

1        30. The method of claim 17, wherein said spontaneous emulsion  
2 comprises particles having a diameter of 50 to 150 nm.

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100